

Fiber Optics

Building Access Terminal



Features and Benefits

- Walled-mounted installation
- High quality powder coated aluminum cabinet
- Up to 144 fibre optic connections
- IP 55 Protection level for indoor/outdoor use
- Top and bottom cable entries
- Dual doors with locking mechanism
- Housing for splitter and WDM modules
- Feeder and/or distribution cables slice fields
- Available with SC, LC, FC, ST and E2000 adapters
- Stubbed versions (pre-terminated) available



Overview

PPC Building Access Terminal (BAT) is designed to be the central distribution point for FTTH networks in all types of MDUs (Multi Dwelling Units). It can accommodate up to 144 fiber optic connections, offering a high level of protection and internal space utilization for efficient installation and maintenance due to the advanced cable management options. Great attention has been paid to the optimum control of fiber bend radius, to ensure long term reliability and support for the highest transmission speeds.

The BAT can house optical splitters or Wavelength Division Multiplexers (WDMs) to provide the optimum network architecture. Versions are available with splice trays on the feeder and/or distribution side and may also be used with pre-terminated cables or field terminated connectors). Splicing options include either multi-fibre, single element or single circuit management.

Application

- All types of FTTH network
- Metro Networks
- WAN interface for campus networks

Technical Data

Mechanical Data

Particulars	Value
Dimension (L x W x D)	48F - 500 x 600 x 260, 72F - 500 x 600 x 260 96F - 550 x 600 x 300, 144F - 600 x 202 x 695
Material	Steel, 1.2 mm
Powder Coated	RAL 7032 / 7035
Door	2 doors with separate lock and key
Cable Entries	1 input port, 1 output port
Adaptor Type	SC, FC/ST, LC E2000
Adaptor Count	Max. 24 SC/ST/FC, 48 LC
IP rating	IP 55
Product rating codes	IK 08 rated
Splicing and termination types	Mechanical or fusion splicing, direct termination
Splitter capacity	Up to 12 x 1:8 PLC splitters

Environmental Data

Particulars	Value
Operating temperature	-20°C to +60°C
Storage temperature	-25°C to +70°C

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Technical Drawing

